

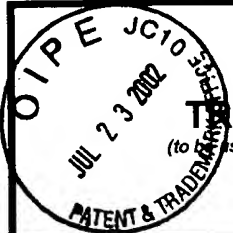
Please type a plus (+) sign inside this box -

PTO/SB/21 REV 1 (12/97)

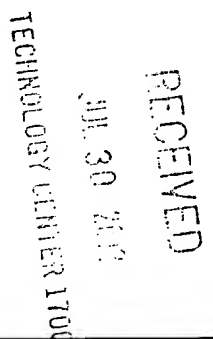
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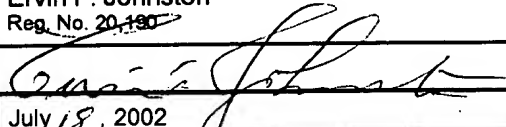
information unless it displays a valid OMB control number.

 TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/458,581	
	Filing Date	12/09/99	
	First Named Inventor	M. Pinarbasi	
	Examiner Name	R. McDonald	
	Group Art Unit	1753	
Total Number of Pages in This Submission	33 + postcard	Attorney Docket Number	SA998141

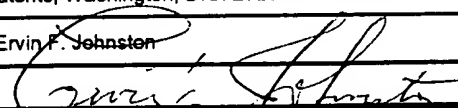
ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Preliminary Amendment <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> PTO Form 1449 <input type="checkbox"/> () cited references <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> PTO Form 1533 <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment w/Recordation Sheet <input type="checkbox"/> Drawing(s) <input checked="" type="checkbox"/> Request for Drawing Amendment <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Checklist and Accompanying Petition <input type="checkbox"/> To Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <u>POSTCARD</u> _____ _____
Remarks: <div style="text-align: right;"></div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	Ervin F. Johnston Reg. No. 20,190
Signature	
Date	July 18, 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <u>July 18, 2002</u>			
Typed or printed name	Ervin F. Johnston		
Signature		Date	July 18, 2002

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FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.
These are the fees effective November 10, 1998.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12
See 37 C.F.R. §§ 1.27 and 1.28

TOTAL AMOUNT OF PAYMENT

(\$1932.00)

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number 09-0442
Deposit Account Name International Business Machines Corporation
☒ Charge Any Additional Charge the Issue Fee Set in
Fee Required Under 37 CFR 1.16 and 1.17 37 CFR 1.18 at the Mailing of the Notice of Allowance.
37 CFR 1.311(b)

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Money Order ☐ Other**FEE CALCULATION**1. **BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	
SUBTOTAL (1) (\$)			

2. **EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee below	Fee Paid
64	54**	10 x 18	180.00
14	11**	3 x 84	252.00
Multiple Dependent Claims			

** or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 80	202 40	Independent claims in excess of 3	
104 270	204 135	Multiple dependent claim	
109 80	209 40	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)			432.00

Complete If Known

Application Number 09/458,581
Filing Date 12/09/99
First Named Inventor Pinarbasi
Examiner Name R. McDonald
Group / Art Unit 1753
Attorney Docket No. SA998141

FEE CALCULATION (continued)3. **ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for response within first month	
116 400	216 200	Extension for response within second month	
117 920	217 460	Extension for response within third month	
118 1,440	218 720	Extension for response within fourth month	
128 1,960	228 980	Extension for response within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive unavoidably abandoned application	
141 1,280	241 640	Petition to revive unintentionally abandoned application	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR 1.129(b))	
179 740	249 370	Request for continued examination (RCE) (37 CFR 1.114)	

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) (\$)

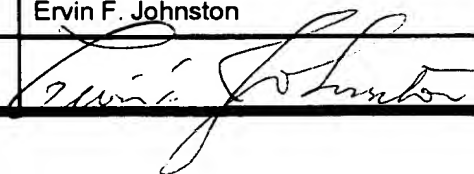
*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or Printed Name

Ervin F. Johnston

Signature

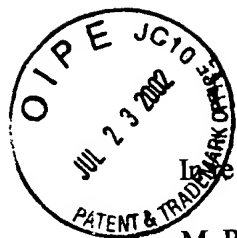

COMPLETE (if applicable)

Reg. Number

20,190

Date

July 18, 2002



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#

Inventor Application of:

M. Pinarbasi

Serial No.: 09/458,581

Filed: 12/09/99

For: SPIN VALVE SENSOR FREE LAYER
STRUCTURE WITH A COBALT
BASED LAYER THAT PROMOTES
MAGNETIC STABILITY AND
HIGH MAGNETORESISTANCE

Group No.: 1753

Examiner: Rodney McDonald

Docket No. SA998141

6/w.m.
8/6/02

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

TECHNOLOGY CENTER 1700

JUL 30 2002

RECEIVED

REQUEST FOR DRAWING AMENDMENT

Please amend FIG. 4 as indicated on the attached redline drawing sheet.

Respectfully submitted,

Ervin F. Johnston

Attorney for Applicants

Reg. No. 20,190

Telephone: 619-334-5883

Fax: 619-448-1904